EFJohnson
Catalog

EFJohnson
Our Mission—Your Safety

Corporate Profile

EFJohnson is a leading provider of two way radios and communication systems for law enforcement, fire fighters, EMS and the military, and is one of the first companies to be fully compliant with federal government Project 25 interoperability standards. Founded in 1923, EFJohnson offers a comprehensive portfolio of digital and analog radio communications solutions to effectively and affordably assist in the transition to digital P25 compliant systems.

Product Overview

EFJohnson designs, manufactures, and markets conventional and trunked radio systems, land mobile radio base station/repeaters, along with mobile and portable radios.

Radio Systems

EFJohnson's IP25™ Infrastructure Systems provide a secure, flexible Voice over Internet Protocol (VoIP) solution for building out trunked or conventional Project 25 networks.

Portable and Mobile Radios

EFJohnson radios are used throughout the world by military, police, fire, paramedics, and homeland security professionals. These radios meet narrowband requirements for analog and digital Project 25 formats, and support legacy systems while providing a seamless transition to narrowband operation.

Company Facts

EFJohnson Company,
a wholly owned subsidiary of EFJ, Inc.

Date Founded: October 1923

Annual Revenues: $60.7 million FY2004
Corporate Headquarters: Irving, TX
Website: www.EFJohnson.com

Management Team

Michael E. Jalbert, Chairman & CEO
Ellen O'Hara, President & COO
Jana Bell, Senior Vice President & CFO
Jim Ridgell, Vice President Director – Customer Satisfaction & Product Excellence
Brenda Jackson, Senior Vice President – Sales & Marketing
Jim Stark, Vice President – Investor Relations
John Oblak, Vice President – New Technologies
Marshall Lamm, Vice President – Outsource Manufacturing
Michael Gamble, Vice President - Administration

Irving, TX (Corporate HQ)	**Washington, DC**	**Waseca, MN**	**Lincoln, NE**
1440 Corporate Drive	1232 22nd Street NW, Suite 601	123 North State Street	3900 NW 12th Street, Suite 200
Irving, TX 75038	Washington, DC 20037	Waseca, MN 56093	Lincoln, NE 68521
972-819-0700	202-833-7780	507-837-5100	402-474-4800

Infrastructure

EFJohnson®

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Trunked IP25™ Infrastructure Systems

First responders need a secure, reliable, and flexible Project 25 trunked communication system. EFJohnson's Trunked IP25™ Infrastructure System is a Project 25 compliant trunked system that is designed specifically for public safety and homeland security, and utilizes Voice over Internet Protocol (VoIP) for system integration.

Trunked IP25 provides a trunked P25 infrastructure for all of your communications needs. This next-generation system meets the National Telecommunications and Information Administration (NTIA) mandates for narrowband operation in VHF and UHF frequencies as well as Department of Defense mandates for Project 25 compliance.

Trunked IP25 is a switchless end-to-end digital environment. This system solution does not require a traditional network switch or Central Electronics Cabinet to link your consoles or repeaters, rather it uses standard off the shelf IP networking equipment. Your advantages are quicker deployments, fewer network elements to own and maintain, and increased scalability.

- Interoperability with legacy systems
- Interoperability across multiple agencies
- Redundancy and security for critical calls

IP25
EFJohnson®
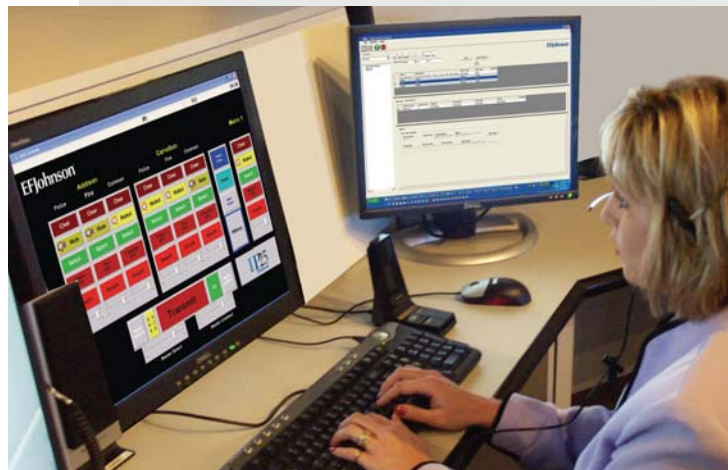
Key Features and Benefits of Trunked IP25

- Interoperability with Legacy Systems
    – Trunked IP25 repeaters operate in P25 Digital mode, providing clean digital communications.
    – EFJohnson's P25 subscriber radios operate in P25 Trunked, P25 Conventional, and SMARTNET®/SmartZone® – all in the same radio! Whether you use EFJohnson's Project 25 subscriber radios or P25 equipment from another supplier, Trunked IP25 provides a secure and reliable P25 system solution.
    – Add or reconfigure radios and other network elements as your needs evolve, over the life of the system.

- Interoperability Across Multiple Agencies
    – Project 25 Common Air Interface (CAI) capability enables users to communicate with other P25 equipment on your network.
    – Analog Conventional, P25 Conventional, and P25 trunked channel access and control provide the critical communications paths to your users.
    – Radio users can talk to each other in the field. Dispatch centers and command and control facilities can easily conference, which enables critical communication paths when time is vital.
    – Total IP-based console eliminates the need for cumbersome electronics cabinets, reduces costs, minimizes foot print, and streamlines maintenance.

- Redundancy and Security
    – Multiple voice channels ensure a high level of redundancy and availability for critical calls.
    – IP25 Integrated Network Controller is integrated into the repeater, which simplifies system management.
    – Trunked IP25 brings encryption and interoperability into the same P25 communications system. FIPS certified, end-to-end encryptions supported include AES and DES-OFB. You can make sure that only the right people are involved in conversations on your system.
    – Tighten security by using the IP25 Key Management Facility (KMF) to perform Over the Air Rekeying (OTAR) of all your radios in the field. KMF provides quick, secure, and complete management of subscriber radios.
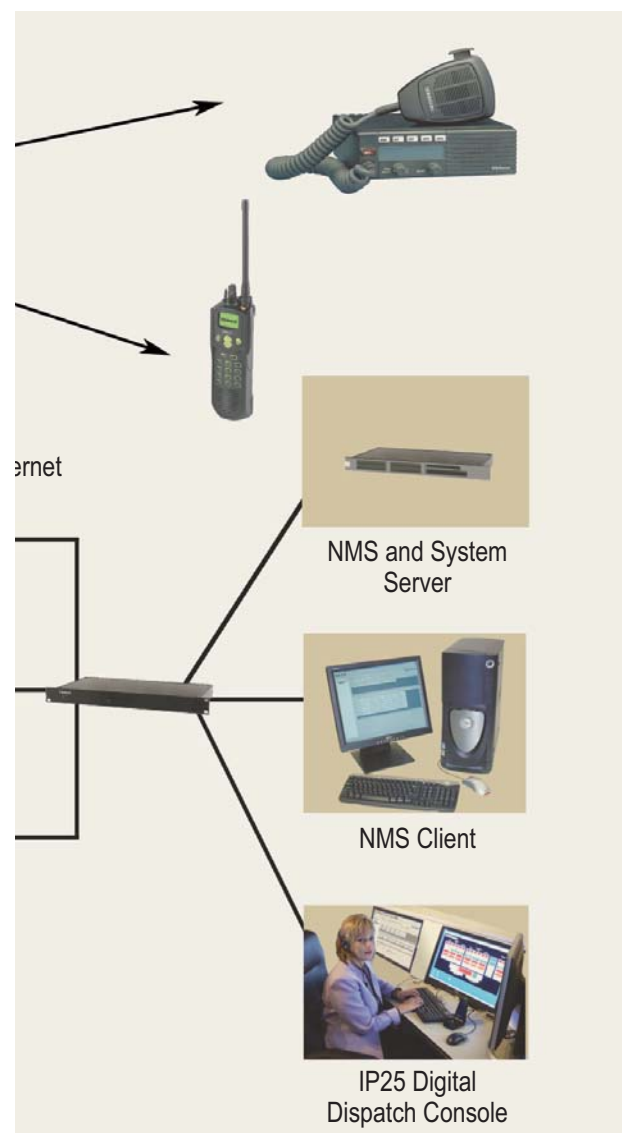
EFJoh

Ethe

3800 Series Trunking Repeaters

Elements of the Trunked IP25 System Include:

Repeaters

EFJohnson's P25 repeaters provide the solution for Project 25 digital operation in the VHF, UHF, and 800 MHz Band. For added convenience and network management, these repeaters connect directly to the Ethernet network using industry-standard routers. Software defined configurations allow for PC programability of operating frequency, output power and other functions—providing quick installation capability.

IP25 Digital Dispatch Console

Trunked IP25's Digital Dispatch Console enables all of your first responder groups to be connected. This console operates in Trunked and Conventional modes, which ensures interoperability with legacy systems. The Digital Dispatch Console's OTAR capability provides encryption continuity with the users in the field. You can manage your entire system from one place—anywhere you have a connected computer. Trunked IP25's Digital Dispatch console operates on Windows®-based PCs.

Key Management Facility (KMF)

Maintaining control over the radios on your network is a vital function. EFJohnson's KMF enables you to control every P25 OTAR compliant radio and the IP25 Digital Dispatch Consoles in your system. OTAR capability allows you to re-key your radios in the field, wherever they are and whenever you need them. EFJohnson offers the industry's only PDA-based key loader, which extends your reach even further. Increase your system security and minimize system risk by changing your keys frequently.
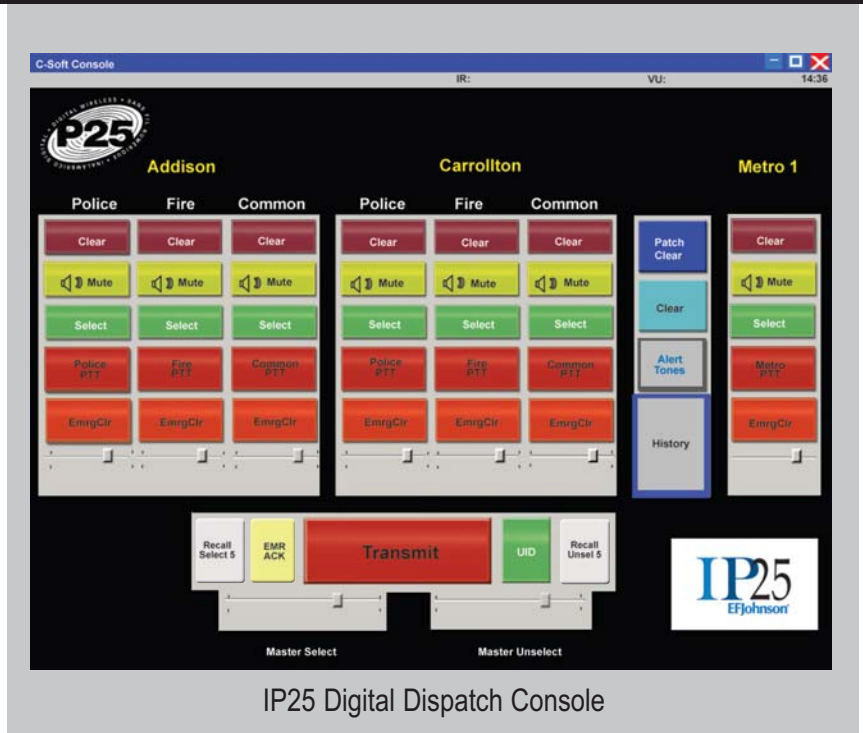
VoIP Technology

VoIP is the transfer of voice signals over Internet Protocol. IP is an industry standard protocol that was designed for use in interconnected systems of packet-switched computer communication networks. The advantage of VoIP is you can build out your network at an unprecedented speed, while deploying the latest network technology.

NMS and System Server

NMS Client

IP25 Digital Dispatch Console

Project 25

Telecommunications Industry Association's (TIA) standard for digital 2-way radio technology. Project 25 was originally created by the Association of Public Safety Communications Officials, International (APCO) in cooperation with the National Association of State Telecommunications Directors (NASTD) and the U.S. government to ensure interoperability between Federal, state, and local public safety agencies. EFJohnson was one of the first companies to sign up to develop Project 25 compliant solutions.

IP25 Digital Dispatch Console

About EFJohnson

EFJohnson provides digital Project 25 compliant interoperable wireless communications systems solutions for federal, state and local agencies involved with homeland security and public safety. EFJohnson, founded in 1923, was one of the first developers of wireless communications products to be fully compliant with federal government interoperability specifications.

We design, manufacture and market conventional and trunked radio systems, land mobile radio repeaters, and mobile and portable radios. Our customers tell us that we provide rugged, reliable, and interoperable equipment along with a high level of customer service and support. For a communications system that you can rely on, and a company that is responsive and completely in tune with public safety, turn to one supplier – EFJohnson.

**For more information, visit
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3800^{Series} Digital Repeater

EFJohnson's new 3800 Series repeaters provide secure digital communications for first responders operating Project 25 trunked networks. As a key piece of the Trunked IP25™ system solution, the 3800 Series delivers performance you can always count on - today and tomorrow.

The 3800 Series repeaters use Voice over Internet Protocol (VoIP) technology to enable intelligent network communications without costly and complex centralized switching equipment. With a trunking controller built into the repeater, network management is right at your fingertips.

PC programmable options provide flexibility, simplified setup, and easy field upgrades. The fully synthesized design of the 3800 Series enables you to make frequency changes quickly and easily. The modular design of the 3800 Series simplifies maintenance and servicing.

EFJohnson is a leading provider of Project 25 compliant two-way radios and communication systems for law enforcement, fire fighters, EMS, and military.

More Key Features and Benefits

- Trunking controller is built into the repeater, which simplifies network management

- Ethernet interface enables easy network connectivity

- Frequency bands available are VHF, UHF, and 800 MHz

- Project 25 Common Air Interface operation

- Each Subsystem can have up to 28 channels (27 for traffic and 1 for control)

- Fits into a standard 19" equipment rack

- Network Management provides automatic configuration of the repeater that includes operating frequency, output power and other functions, providing quick installation capability

- Conservative design of power amplifier circuitry uses multiple devices for maximum heat transfer and minimum operating temperatures for long life

- Dual synthesizers with ± 1.0 part per million stability ensure on-frequency operation of transmitter and receiver

- Front panel status indicators show operating status and diagnostic information for rapid evaluation and servicing

- DSP Processing and flash memory allows updating of radio operating software via the Network Manager to meet future needs

IP25
EFJohnson®

3800^Series Digital Repeater

Typical Performance Specifications

GENERAL	38X1 (VHF)	38X4 (UHF)	38X8 (800 MHz)
Mounting	19" rack or shelf		
Dimensions (HxWxD)	9.0" x 17.0" x 20.9" (23cm x 43 cm x 53cm)		
Weight	66 lbs. (29.95 kg)		
Temperature Range	–30°C to +60°C		
Input Voltage	100 to 240 VAC		
Input Frequency	50 to 60 Hz		
Power Requirements	At 110 W - 560 Watts	At 110 W - 457 Watts	At 175 W - 680 Watts
	At 25 W - 170 Watts	At 25 W - 170 Watts	At 75 W - 450 Watts
	Standby - 45 Watts	Standby - 45 Watts	Standby - 45 Watts
Frequency Resolution	5/6.25 kHz	6.25 kHz	12.5 kHz
FCC Type Acceptance Number	ATH2422001-1	ATH2422004-1	ATH2422008-1
FCC Compliance	Parts 15, 90	Parts 15, 90	Parts 15, 90

TRANSMITTER			
Frequency Range	132-150, 150–178, 380-400 MHz	400–430, 430–470 MHz	851-870 MHz
RF Output Power	25 to 110 Watts	25 to 110 Watts	75 to175 Watts
Duty Cycle	100%	100%	100%
Output Impedance	50 ohm	50 ohm	50 ohm
Spurious Emissions	–90 dBc	–90 dBc	–90 dBc
Harmonic Emissions	–90 dBc	–90 dBc	–90 dBc
Maximum Deviation	± 3110 Hz	± 3110 Hz	±5.0 kHz /± 3110 Hz
Emission Designators	8K10F1E	8K10F1E	8K10F1E
Frequency Stability (–30°C to +60°C)	±1.0 PPM	±1.0 PPM	±1.0 PPM

RECEIVER			
Channel Spacing	12.5 kHz	12.5 kHz	12.5 kHz
Frequency Range	132-150, 150–178 MHz	400–430, 430–470 MHz	806-825 MHz
Sensitivity: for 5% BER	0.25 μV	0.30 μV	0.25 μV
Selectivity	–60 dB	–60 dB	–60 dB
Signal Displacement Bandwidth	± 1 kHz	± 1 kHz	± 1 kHz
Frequency Stability (–30°C to +60°C)	±1.0 PPM	±1.0 PPM	±1.0 PPM
Intermodulation Rejection	–85 dB	–85 dB	–80 dB
Spurious & Image Rejection	–95 dB	–100 dB	–90 dB
RF Input Impedance	50 ohms	50 ohms	50 ohms

STANDARDS COMPLIANCE

EFJohnson's radio repeaters comply with the following standard specifications:

P25 Digital Operation: TIA/TSB 102.CAAB
EMI/EMC: NTIA Manual Chapter 5
FCC Part 90
FCC Part 15
PSTN Line Isolation: FCC Part 68 (USA)

EFJohnson®

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Conventional IP25™
Infrastructure Systems

The Right Choice for Infrastructure

Building out a Project 25 network can be easy, when you make the right choice. Meet Conventional IP25 Infrastructure System from EFJohnson. Conventional IP25 provides the secure, reliable infrastructure for your communications needs — today and tomorrow.
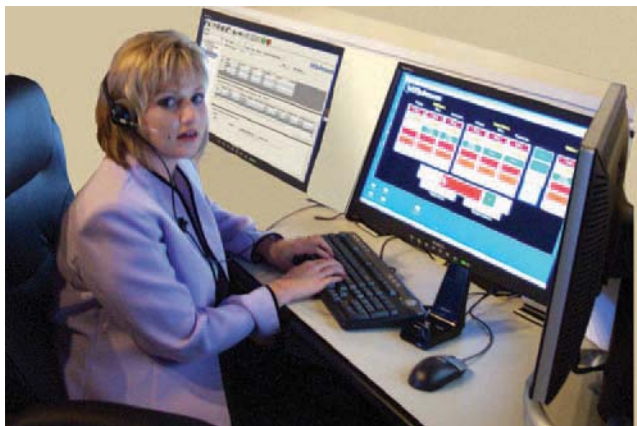
For over 80 years, EFJohnson has been at the forefront of the communications industry. Our subscriber radios are used throughout the world by military, police, fire, paramedics, and homeland security professionals. More and more customers each year turn to us to help them build out communication networks that enable them to communicate with personnel throughout their jurisdictions.

IP25
EFJohnson®

Conventional IP25 provides flexible, cost-effective solutions for conventional systems. It delivers a complete Project 25 compliant solution that provides:

Scalability – cost effective for small, medium and large system deployments

Expandability – new features and capabilities easily added – many with only a new software load

Graceful Migration – ability to migrate from analog to digital systems and to future Project 25 enhancements

Using industry-standard VoIP technology, Conventional IP25 provides a secure, reliable infrastructure that you can always count on.

Whether you use Conventional IP25 with EFJohnson's proven portable and remote radios or equipment from another supplier, you'll have a Project 25 network that fulfills your requirements and exceeds your expectations.

Five Channels and 7-Foot Rack

Conventional IP25
Integrates These Elements:

- EFJohnson's powerful base station/repeaters

- Intuitive IP25 Digital Dispatch Console

- Secure Key Management Facility

- IP25 Voter

EFJohnson Base Station/Repeaters

These powerful repeaters support communications of both analog and P25 digital subscriber equipment.For added convenience and network management, the dual mode base station/repeaters interconnect throughout your network using industry-standard routers. EFJohnson doesn't lock you in to any vendor's proprietary switch architecture, so you have a choice.

IP25 Digital Dispatch Console

The EFJohnson IP25 Digital Dispatch Console is a software program that provides the interface into the IP25 packet network. You can manage your entire network from one place – anywhere you have a computer. The IP25 Digital Dispatch Console operates on any Windows®-based PC. It's intuitive graphical user interface will have you in complete control in no time. Communicate with P25 radios on your network on an individual basis, or establish talk-groups. The EFJohnson IP25 Digital Dispatch Console enables you to put more consoles in less space than ever before.

Key Management Facility

Maintaining control over the radios on your network is a vital function. EFJohnson's Key Management Facility (KMF) enables you to control every P25 OTAR (Over the Air Re-keying) compliant radio on your network. OTAR capability allows you to re-key your radios in the field, wherever they are and whenever you need them. EFJohnson offers the industry's only PDA-based key loader, which extends your reach even further.

EFJohnson®
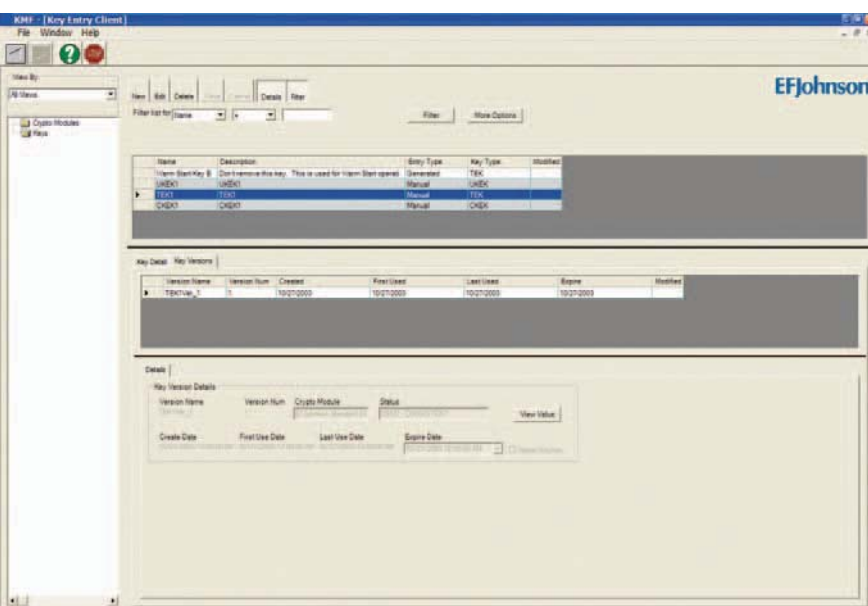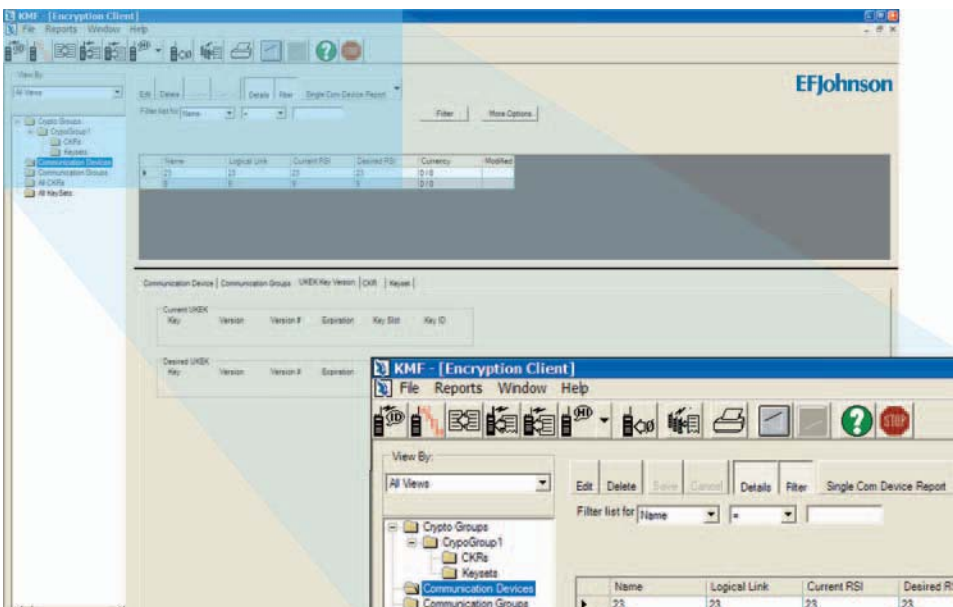
Network Interface Unit

The Network Interface Unit acts as the gateway between analog dispatch equipment, telephone interconnect devices, and conventional network digital systems.

IP25 Voter

The IP25 Voter uses sophisticated voting algorithms to enhance receive audio quality by receiving and comparing the receive signals from various receivers and selecting the best signal.

Radios

At EFJohnson, interoperability is more than just a catch phrase. It's the focus of our business. The IP25 systems are designed to work with any Project 25 compliant radios, not just those designed by EFJohnson. If your equipment is in compliance with P25, you can be certain that it will work on our system.
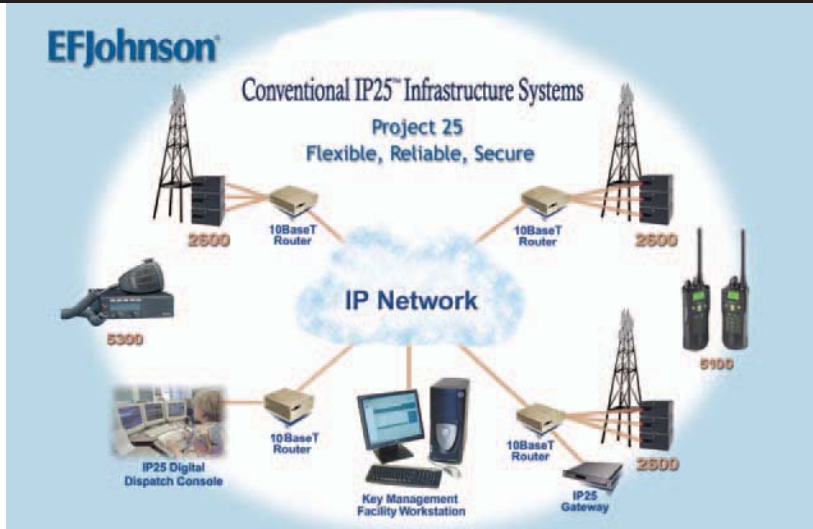
VoIP Technology

Voice over Internet Protocol (VoIP) is the transfer of voice signals over Internet Protocol. IP is an industry standard protocol that was designed for use in interconnected systems of packet-switched computer communication networks. The advantage of VoIP is you can build out your network at an unprecedented speed, while deploying the latest network technology.
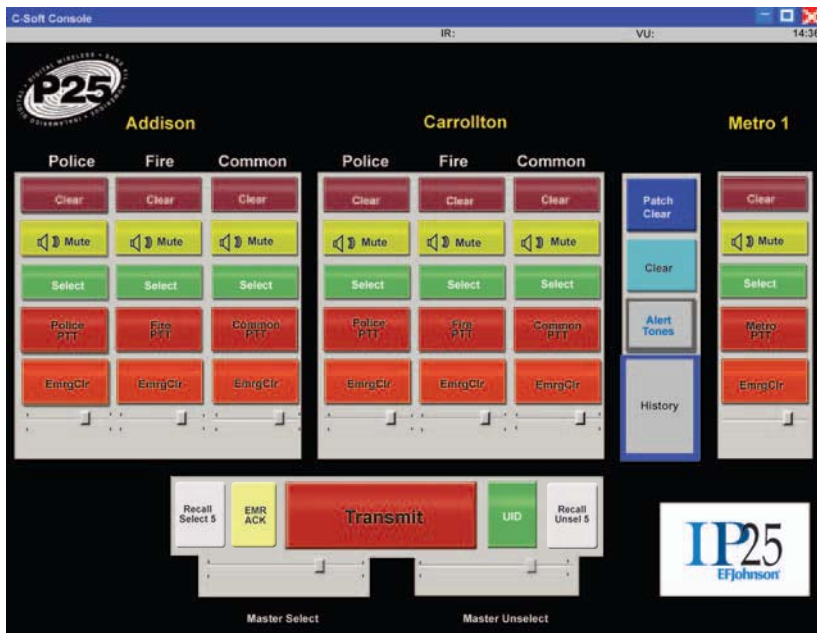
The Right Choice for Infrastructure

About EFJohnson

EFJohnson provides digital Project 25 compliant interoperable wireless communications systems solutions for federal, state and local agencies involved with homeland security and public safety. EFJohnson, founded in 1923, was one of the first developers of wireless communications products to be fully compliant with federal government interoperability specifications.

We design, manufacture and market conventional and trunked radio systems, land mobile radio repeaters, and mobile and portable radios. Our customers tell us that we provide rugged, reliable, and interoperable equipment along with a high level of customer service and support. For a communications system that you can rely on, and a company that is responsive and completely in tune with public safety, turn to one supplier – EFJohnson.

* Project 25 — Telecommunications Industry Association's (TIA) standard for digital 2-way radio technology. Originally created by the Association of Public Safety Communications Officials, International (APCO) in cooperation with the National Association of State Telecommunications Directors (NASTD) and the U.S. government to ensure interoperability between Federal, State, and local public safety agencies.

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EFJohnson®

2600^Series Digital Repeater/Base Station

EFJohnson's powerful 2600 Series repeaters fulfill the demanding requirements of private system operators.

The IP25™ connectivity option utilizes Voice over Internet Protocol (VoIP) technology to enable intelligent network communications without costly and complex centralized switching equipment.

Dual mode operation meets the requirements of Project 25 digital operation and TIA 603 analog operation.

High reliability for worry-free operation is assured with conservative design, efficient PA heat sink and continuous performance monitoring.

Compact design allows efficient use of space. A five-channel repeater, combiner, duplexer, and multicoupler can fit in one eight-foot standard rack.

PC programmability of operating frequency, output power and other functions provides quick installation capability.

Multiple network interfaces support network communications over standard 4-wire interface or via advanced VoIP Ethernet interface.

EFJohnson is a leading provider of Project 25 compliant two-way radios and communication systems for law enforcement, fire fighters, EMS, and military.

More Key Features and Benefits

Conservative design of power amplifier circuitry uses multiple devices for maximum heat transfer and minimum operating temperatures for long life.

Dual synthesizers with ± 1.0 part per million stability assure on-frequency operation of transmitter and receiver.

Front panel status indicators show operating status and diagnostic information for rapid evaluation and servicing.

Modular construction provides flexible expansion capability and easier maintenance.

Comprehensive tuning software guides the service technician through all the detailed tuneup and setup procedures.

Excellent performance specifications suitable for today's crowded spectrum environment and heavily loaded sites.

Flash memory allows updating of radio operating software via PC to meet future needs.

Signaling choices of 38 CTCSS/22 DCS or 50 CTCSS/18 DCS formats are available with the community repeater option.

2600^{Series} Digital Repeater/Base Station

Typical Performance Specifications

GENERAL	26X1 (VHF)	26X4 (UHF)	26X8 (800 MHz)
Mounting	19" rack or shelf		
Dimensions (HxWxD)	9.0" x 17.0" x 20.9" (23cm x 43 cm x 53cm)		
Weight	66 lbs. (29.95 kg)		
Temperature Range	–30°C to +60°C		
Input Voltage	100 to 240 VAC		
Input Frequency	50 to 60 Hz		
Power Requirements	At 110 W - 560 Watts	At 110 W - 457 Watts	At 175 W - 680 Watts
	At 25 W - 170 Watts	At 25 W - 170 Watts	At 75 W - 450 Watts
	Standby - 45 Watts	Standby - 45 Watts	Standby - 45 Watts
Frequency Resolution	5/6.25 kHz	6.25 kHz	12.25 kHz
FCC Type Acceptance Number	ATH2422001-1	ATH2422004-1	ATH2422008-1
FCC Compliance	Parts 15, 90		

TRANSMITTER	ANALOG	DIGITAL	ANALOG	DIGITAL	ANALOG	DIGITAL
Frequency Range	132–150, 150–178 MHz		400–430, 430–470 MHz		851 - 870 MHz	
RF Output Power	25 to 110 Watts		25 to 110 Watts		75 - 175 Watts	
Duty Cycle	100%					
Output Impedance	50 ohm					
Spurious Emissions	–90 dBc					
Harmonic Emissions	–90 dBc					
Maximum Deviation	± 5 kHz/± 2.5 kHz	± 3110 Hz	± 5 kHz/± 2.5 kHz	± 3110 Hz	± 5 kHz/± 3110 Hz	
Audio Response	+1, –3 dB TIA	As per TIA	+1, –3 dB TIA	As per TIA	+1, –3 dB TIA	As per TIA
Audio Distortion	Less than 2%	As per TIA	Less than 2%	As per TIA	Less than 2%	As per TIA
Emission Designators	11K0F3E, 16K0F3E	8K10F1E	11K0F3E,16K0F3E	8K10F1E	16K0F3E,14K0F3E,11K0F3E	8K10F1E
Hum & Noise (TIA)	–50 /–55 dB	N/A	–50 /–55 dB	N/A	–45 dB/–50dB	N/A
Frequency Stability (–30°C to +60°C)	±1.0 PPM					

RECEIVER	ANALOG	DIGITAL	ANALOG	DIGITAL	ANALOG	DIGITAL
Channel Spacing	30/25/15/12.5 kHz	12.5 kHz	25/12.5 kHz	12.5 kHz	25/12.5 kHz	12.5 kHz
Frequency Range	132–150, 150–178 MHz		400–430, 430–470 MHz		806–825 MHz	
Sensitivity: _12 dB SINAD_	0.25µV	N/A	0.30µV	N/A	0.25µV	N/A
Sensitivity: _for 5% BER_	N/A	0.25µV	N/A	0.30µV	N/A	0.25µV
Selectivity	–85/–80 dB	–60 dB	–90/–75 dB	–60 dB	–85/–80 dB	–60 dB
Signal Displacement Bandwidth	± 2 kHz/± 1 kHz	± 1 kHz	± 2 kHz/± 1 kHz	± 1 kHz	± 2 kHz/± 1 kHz	± 1 kHz
Frequency Stability (–30°C to +60°C)	±1.0 PPM					
Intermodulation Rejection	–85 dB		–85 dB		–80 dB	
Spurious & Image Rejection	–95 dB		–100 dB		–90 dB	
Audio Response (1000 Hz ref.)	+1, –3 dB TIA	As per TIA	+1, –3 dB TIA	As per TIA	+1, –3 dB TIA	As per TIA
Audio Distortion (at 1000 Hz)	Less than 3% @ 0.5W /16 ohms	As per TIA	Less than 3% 0.5W /16 ohms	As per TIA	Less than 3%	As per TIA
Hum and Noise (TIA)	–50 dB	N/A	–50 dB	N/A	–45 dB	N/A
RF Input Impedance	50 ohms					

STANDARDS COMPLIANCE

EFJohnson's radio repeaters comply with the following standard specifications:

P25 Digital Operation: TIA/TSB 102.CAAB
Analog FM Operation: TIA/EIA 603
EMI/EMC: NTIA Manual Chapter 5
FCC Part 90
FCC Part 15
PSTN Line Isolation: FCC Part 68 (USA)

**Five Channels and
7-Foot Rack**

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Key Management Facility

EFJohnson's Conventional IP25™ Infrastructure Systems combine the global reach of the VoIP infrastructure standard with the Project 25 Common Air Interface (CAI).

Maintaining security and control over the radios on your network is a vital function. Control every P25 radio on your network with EFJohnson's Key Management Facility (KMF). KMF is a secure, fast P25-compliant client-server solution that simplifies secure key management and distribution.
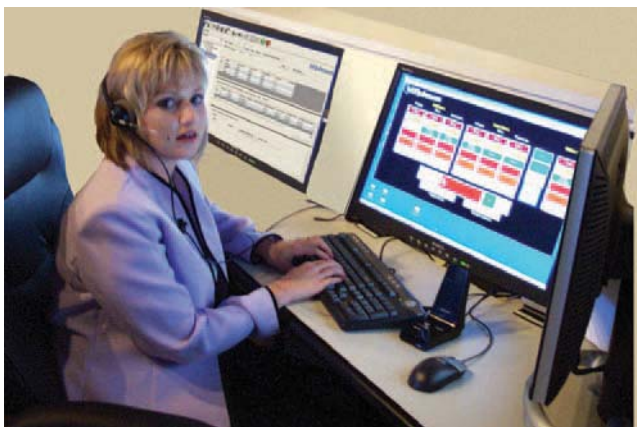
Using Sophisticated Encryption Keys

KMF provides you with a reliable, flexible, and portable means to securely manage your communications. Centralizing your key management eliminates the need to manually rekey your radios. The rekeying feature in the KMF, known as Over-the-Air-Rekeying (OTAR), encrypts and sends the keys and related key management messages to prevent them from being disclosed. For added security, KMF enables you to send new keys to any radio on your system. You can create talk groups to ensure that messages are communicated to the right people at the right time. If a radio is lost or falls into the wrong hands, KMF allows you to disable it.

Setting Up KMF is Easy

The software loads on any desktop or laptop PC in seconds, and the intuitive graphical display will have you keying your radios right away. Connect to other components of the system through an Ethernet connection, and maintain security for all of the radios on your network. For convenience, flexibility and ease of use, make EFJohnson's Key Management Facility the control center of choice for your network.

Key Management Facility
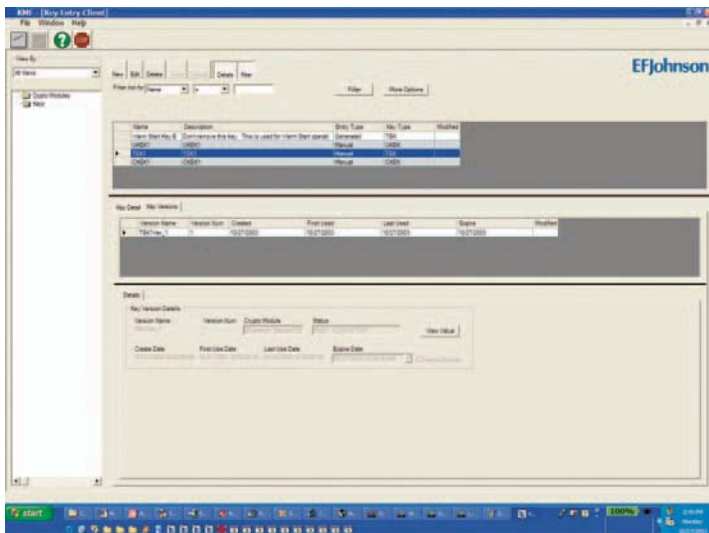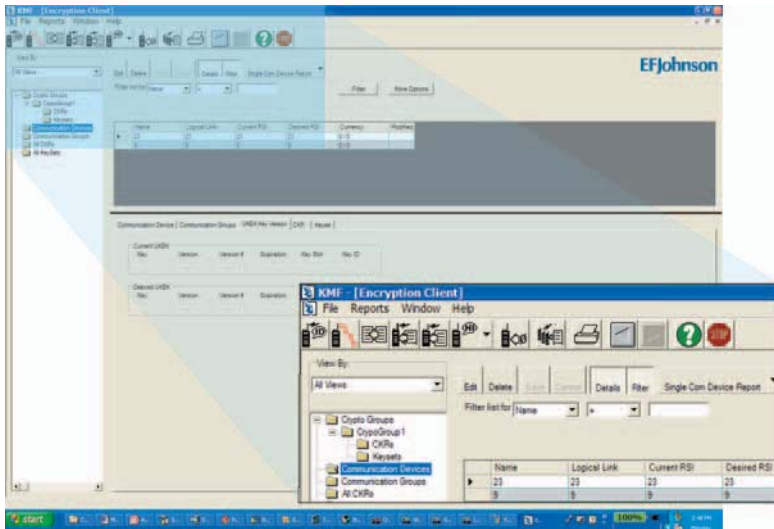
Advantages

Open Architecture – manage the encryption keys of any P25 OTAR-compliant mobile or portable radio

Over-the-Air-Control (OTAC) – inhibit and enable radios within your network, which helps to ensure the integrity of your system

Administration – query the radios to find out what keys are currently loaded, which helps in troubleshooting

Security – communicate between the KMF server and client over a secure TCP/IP session

Flexibility – send new keys to all radios on your system, or set up secure groups to provide encryption to personnel responding to a specific incident or emergency

Organization – manage secure radio communications among talk groups, enable operators to visually track members and encryption keys assigned to each group

Simplicity – set up KMF in minutes with minimal training

Convenience – manage key encryption with a PDA-based key loader

System Requirements

Certified Windows 2000 computer, running Service Pack 2
Pentium 2 processor or greater
10/100 BaseT Ethernet port
128 MB RAM
100 MB disk space

**For more information, visit
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EFJohnson®

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IP25 Digital Dispatch Console

EFJohnson's Conventional IP25™ Infrastructure System provides the secure, reliable infrastructure for your communications needs—today and tomorrow. IP25 combines the global reach of the VoIP infrastructure standard with the Project 25 Common Air Interface (CAI).

IP25's Digital Dispatch Console operates on a Windows® XP computer—requiring less space than traditional desk-sized command consoles—and provides the interface into the IP25 packet network. Since it runs on a PC or laptop, you can take it anywhere. You can manage your entire network from one place— anywhere you have a computer.
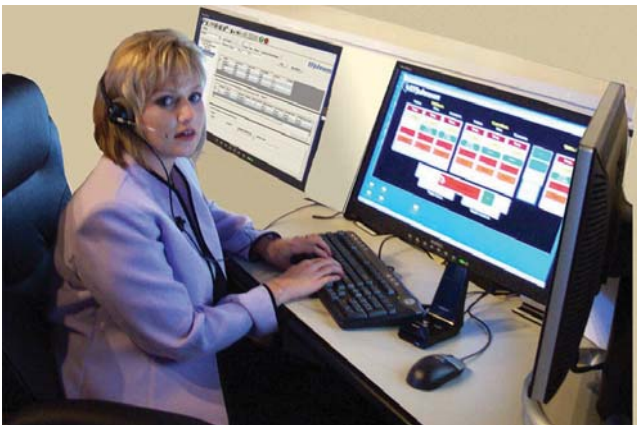
IP25
EFJohnson®

Point, Click, Control

The IP25 Digital Dispatch Console is easy to configure. Customize your display features, capabilities and visual presentation with just a point and click. Develop multiple screens based on individual dispatchers' roles and responsibilities, user requirements or mission needs.

IP Radio Capability

Communicate with all of the P25 radios on your network with the IP25 Digital Dispatch Console's radio capability. Simply connect a microphone and speakers to the PC running the IP25 Digital Dispatch Console, and you can talk to your field radios from anywhere. In addition to being able to communicate with P25 conventional radios, you can communicate with existing non-P25 conventional and trunking protocols through the EFJohnson IP25 Gateway.

IP25 Digital Dispatch Console
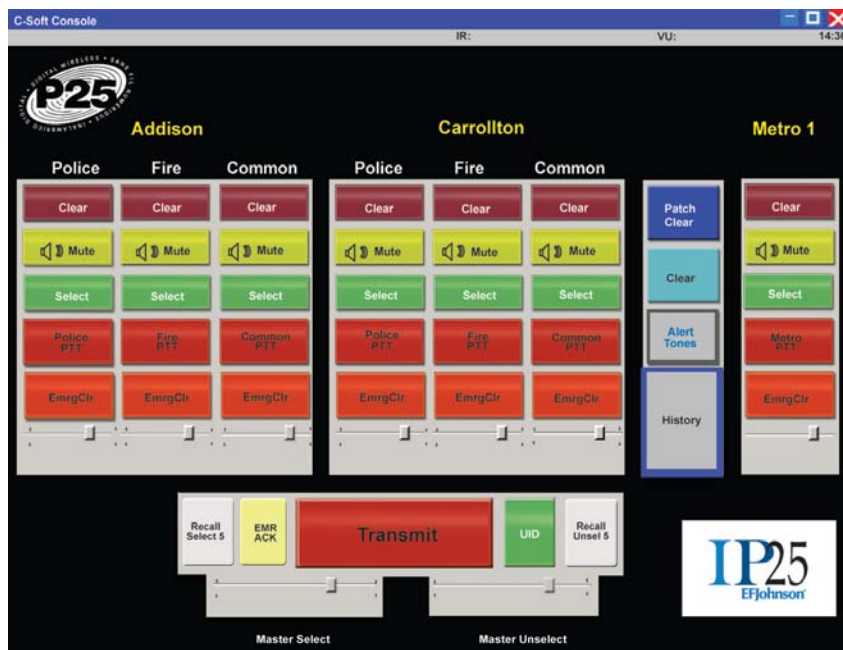
Advantages

Easy to set up and use so you can manage your network in no time

Runs on Windows XP-based computer

Communicate with P25 radios on your network on an individual basis, or establish talk-groups

Put more consoles in less space than ever before

Eliminate the process of reprogramming a host computer to use a protocol compatible with the network

System Requirements

Windows XP operating system
Pentium® 2 processor or greater
10/100 BaseT Ethernet port
Sound Card
128 MB RAM
100 MB disk space

**For more information, visit
www.EFJohnson.com
800-328-3911**

* Project 25 – Telecommunications Industry Association's (TIA) standard for digital 2-way radio technology. Originally created by the Association of Public Safety Communications Officials, International (APCO) in cooperation with the National Association of State Telecommunications Directors (NASTD) and the U.S. government to ensure interoperability between Federal, State, and local public safety agencies.

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